

## INTERNET OVER SATELLITE APPARATUS

### ABSTRACT OF THE DISCLOSURE

5 According to the present invention a telecommunications apparatus for providing transport of packetized information over large distances. The apparatus provides a bi-directional flow of information from a first satellite gateway using a connection over a satellite network to a second satellite gateway. The apparatus uses a gateway that translates the information using the TCP protocol into information using a  
10 satellite protocol, which is suitable for transmission of such information over the satellite network.